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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/732,076	12/07/2000	Brian Gerald Kuhn	24530.01500	9761

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EXAMINER

LE, DANH C

ART UNIT	PAPER NUMBER
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2683

DATE MAILED: 01/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/732,076

Applicant(s)

KUHN, BRIAN GERALD

Examiner

DANH C LE

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 August 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-45 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-10 and 20-45 is/are allowed.
- 6) ☒ Claim(s) 11-19 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Objections

Claims 39-42 are objected to because of the following informalities:

Claim 39 is incorrect format.

Dependent claims 40-42 are rejected for the same reason.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claim 11-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shieh (US 6,591,098) in view of Hendrickson (US 6,745,011).

As to claim 11, Shieh teaches a generic framework for network activation and registration (figure 1 and col.4, lines 12-55) comprising:

a mobile device configured to manage network activation procedures and registration procedures; and

a plug-in device (SIM) configured to initiate registration procedures based on the driver, wherein the plug-in device is tailored to a commands received from particular service provider.

Shieh fails to teach a mobile device has a driver device. Hendrickson teaches a mobile device has a driver device (figure 2 and col.7, lines 40-62). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the teaching of Hendrickson into the system of Shieh in order to plug in and perform specific tasks seamlessly with the underlying subscriber software as Hendrickson suggested.

As to claim 12, the combination of Shieh and Hendrickson teaches the framework of Claim 11, wherein the generic driver device and the plug-in device are applications in a personal digital assistant (figure 2).

As to claim 13, the combination of Shieh and Hendrickson teaches the framework of Claim 11, wherein the generic driver device comprises a selection mechanism configured to launch the generic driver device upon selection by a user, and wherein the generic driver device is further configured to launch the plug-in device (figure 2).

As to claim 14, the combination of Shieh and Hendrickson teaches the framework of Claim 11, wherein the generic driver device is compatible with at least (1) a wireless network operating in a particular verbal language and (2) the plug-in device (figure 2).

As to claim 15, the combination of Shieh and Hendrickson teaches the framework of Claim 14, further comprising another plug-in device tailored to another service provider, wherein the generic driver device is further compatible with the other plug-in device (col.7, lines 40-59).

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As to claim 16, the combination of Shieh and Hendrickson teaches the framework of Claim 11, wherein the plug-in device includes an address to a registration file configured to gather user registration information for the particular service provider (col.8, lines 11-38).

As to claim 17, the combination of Shieh and Hendrickson teaches the framework of Claim 16, wherein the generic driver device is further configured to send a request to a server of the particular service provider upon receiving the address of the registration file from the plug-in device (col.8, lines 11-38).

As to claim 18, the combination of Shieh and Hendrickson teaches the framework of Claim 16, wherein the address of the registration file is a uniform resource locator (URL), and wherein communications between the generic driver device and the server are handled in a protocol that includes Hypertext Transfer Protocol (HTTP) over Transmission Control Protocol/internet Protocol (TCP/IP) (col.9, lines 5-29).

As to claim 19, the combination of Shieh and Hendrickson teaches the framework of Claim 11, wherein the generic driver device is further configured to receive a network registration file from the service provider and to launch the network registration file upon receiving the network registration file from the service provider (Shieh, col.6, line 38-col.7, line 13).

Allowable Subject Matter

Claims 1, 20 are allowed as stated in the applicant's response.

Dependent claims 2-9, 21-45 are allowable for the same reason.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. Rydbeck (US 6,519,470) teaches automated warranty registration.

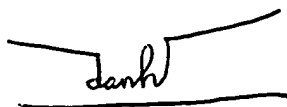
B. Lahtinen et al (US 6,745,029) teaches method and arrangement for handling network specific subscriber data during roaming by use of SIM card information storage.

C. Frazee (US 6,829,596) teaches account/asset activation device and method.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DANH C LE whose telephone number is 703-306-0542. The examiner can normally be reached on 8:00AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WILLIAM TROST can be reached on 703-308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



January 5, 2004
DANH CONG LE
PATENT EXAMINER